

UDAYKIRAN PENIKALAPATI

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Professional Summary

Passionate about entering the software industry with strong programming skills. With an Experience to contribute to innovative solutions, thrive in a collaborative, fast-paced environment, and deliver high-quality software products meeting client and user needs.

Technical Skills

Python, Django, React.js, Node.js, Flutter, MySQL, HTML, CSS, JavaScript, Git and GitHub, Bootstrap, AWS, CI&CD

Work Experience

Sphere Cloud Systems Private Limited

Mar - 2025 -Present
Remote - WFH

Software Developer

Payroll Management System:

- Developed a Payroll Management System using Python, Django REST, Flutter, PostgreSQL and AWS.
- Automated salary calculation, attendance tracking, tax deductions, and Pay slip generation.
- Built a cross-platform Flutter mobile app with admin dashboard and employee access.
- Deployed backend and database on AWS (EC2, RDS, S3) for scalable, secure operations.

Projects

Title : - AI Medical Chat Bot.

Developed an AI-powered medical chatbot leveraging Python, Lang Chain, and Generative AI for intelligent and context-aware interactions.

Technologies: Python, Langchain, streamlit, GenAI

Responsibilities:-

- Designed a responsive and interactive UI using Stream lit.
- Integrated Lang Chain for conversational memory and improved contextual understanding.
- Implemented Generative AI models to provide accurate and meaningful responses to medical queries.
- Optimized the chatbot's performance through rigorous testing and iterative improvements.

Source code: https://github.com/Uday439/MEDICAL_CHATBOT

Title: - Portfolio.

Developed a Responsive Dynamic Portfolio Website Show Casing Skills and Projects with user friendly Interface UI.

Technologies: React.js, Node.js, Bootstrap.

Responsibilities:-

- Developed and designed a personal portfolio website to showcase professional projects, skills, and achievements.
- Implemented a responsive and user-friendly interface using React.js, Node.js, and Bootstrap.
- Ensured cross-browser compatibility and optimized the website for performance and speed.
- Deployed the website on Netlify, using continuous integration and deployment for seamless updates.

Source code: <https://udavp.netlify.app/>

Education

JNTU-A Tadipatri Engineering College – B.Tech (ECE)

2020 - 2024

CGPA : 7.56

S.D.R.R Junior College

2018 - 2020

CGPA : 6.46

ZP High School

2016 - 2017

CGPA : 6.0

Academic and Extracurricular Achievements

- Completed The 6-months of Python Full stack Development Course In Palle Technologies at Bangalore.
- I Have Obtained Internet of things and Celiular & Mobile Communication Certificate from NPTEL.
- Participated in an Expo in my Tadipatri Engineering College and Received a Certificate.